

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of : David L. Brugman, et al.
For : METHOD AND APPARATUS FOR
TELECOMMUNICATIONS LINK
CAPACITY DETERMINATION
Serial No. : 09/960,252
Filed : September 21, 2001
Group Art Unit : 2642
Attorney Docket No. : LUT 2 0078
Brugman 2-2-2-1-2

Cleveland, Ohio 44114-2518

POWER OF ATTORNEY AND REVOCATION OF PRIOR POWERS

Assistant Commissioner of Patents
Washington, D.C. 20231

Dear Sir:

We, David L. Brugman, Donald R. Smiley, David L. Spaay, Adrian L. Thomas and Nelson Tom, joint and named inventors of the above-identified patent application, hereby appoint and revoke as follows:

REVOCATION OF PRIOR POWERS OF ATTORNEY
all powers of attorney previously given are hereby revoked; and,

NEW POWER OF ATTORNEY

the following attorneys are hereby appointed with full power of substitution and revocation, to prosecute said application, to make alterations and amendments therein, to receive the patent, and to transact all business in the Patent and Trademark Office connected therewith.

Kenneth M. Brown	(Reg. No. 37590)
Donald P. Dinella	(Reg. No. 39961)
Martin I. Finston	(Reg. No. 31613)
Barry H. Freedman	(Reg. No. 26166)
Julio A. Garceran	(Reg. No. 37138)
Jimmy Goo	(Reg. No. 36528)
Stephen M. Gurey	(Reg. No. 27336)
Matthew J. Hodulik	(Reg. No. 36164)
Eugene S. Indyk	(Reg. No. 30711)
Michael B. Johannessen	(Reg. No. 35557)
Irene Lager	(Reg. No. 39260)
John B. MacIntyre	(Reg. No. 41170)
Christopher N. Malvone	(Reg. No. 34866)
John F. McCabe	(Reg. No. 42854)
Gregory J. Murgia	(Reg. No. 41209)
Neil R. Ormos	(Reg. No. 35309)
Eugene J. Rosenthal	(Reg. No. 36658)
Bruce S. Schneider	(Reg. No. 27949)
Ozer M. N. Teitelbaum	(Reg. No. 36698)
Jeffrey M. Weinick	(Reg. No. 36304)

We hereby appoint the attorney(s) below as associate attorney(s) in the aforementioned application, with full power solely to prosecute said application, to make alterations and amendments therein, to receive the patent, and to transact all business in the Patent and Trademark Office connected with the prosecution of said application. No other powers are granted to such associate attorney(s) and such associate attorney(s) are specifically denied any power of substitution or revocation.

Richard J. Minnich	Reg. No. 24,175
Joseph D. Dreher	Reg. No. 37,123
Patrick D. Floyd	Reg. No. 39,671
John P. Cornely	Reg. No. 41,687

Address all correspondence to:

Richard J. Minnich, Esq.
FAY, SHARPE, FAGAN,
MINNICH & McKEE, LLP
1100 Superior Avenue
Seventh Floor
Cleveland, Ohio 44114-2518
(216) 861-5582

Direct telephone calls to Richard J. Minnich at: (216) 861-5582.

David L. Brugman
David L. Brugman

Date: 3-19-02

Donald R. Smiley

Date: _____

David L. Spaay

Date: _____

Adrian L. Thomas

Date: _____

Nelson Tom

Date: _____

Address all correspondence to:

Richard J. Minnich, Esq.
FAY, SHARPE, FAGAN,
MINNICH & MCKEE, LLP
1100 Superior Avenue
Seventh Floor
Cleveland, Ohio 44114-2518
(216) 861-5582

Direct telephone calls to Richard J. Minnich at: (216) 861-5582.

David L. Brugman

Date: _____

Donald R. Smiley

Donald R. Smiley

Date: 3/27/2002

David L. Spaay

Date: _____

Adrian L. Thomas

Date: _____

Nelson Tom

Date: _____

Address all correspondence to:

Richard J. Minnich, Esq.
FAY, SHARPE, FAGAN,
MINNICH & McKEE, LLP
1100 Superior Avenue
Seventh Floor
Cleveland, Ohio 44114-2518
(216) 861-5582

Direct telephone calls to Richard J. Minnich at: (216) 861-5582.

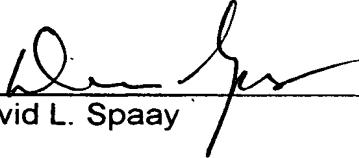
05050252-041402

David L. Brugman

Date: _____

Donald R. Smiley

Date: _____

David L. Spaay


Date: 3/20/02

Adrian L. Thomas

Date: _____

Nelson Tom

Date: _____

Address all correspondence to:

Richard J. Minnich, Esq.
FAY, SHARPE, FAGAN,
MINNICH & McKEE, LLP
1100 Superior Avenue
Seventh Floor
Cleveland, Ohio 44114-2518
(216) 861-5582

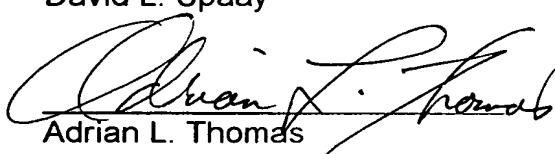
Direct telephone calls to Richard J. Minnich at: (216) 861-5582.

09060252-041102

David L. Brugman _____ Date: _____

Donald R. Smiley _____ Date: _____

David L. Spaay _____ Date: _____


Adrian L. Thomas _____ Date: 3/20/02

Nelson Tom _____ Date: _____

Address all correspondence to:

Richard J. Minnich, Esq.
FAY, SHARPE, FAGAN,
MINNICH & McKEE, LLP
1100 Superior Avenue
Seventh Floor
Cleveland, Ohio 44114-2518
(216) 861-5582

Direct telephone calls to Richard J. Minnich at: (216) 861-5582.

099602621-041102

David L. Brugman

Date: _____

Donald R. Smiley

Date: _____

David L. Spaay

Date: _____

Adrian L. Thomas

Date: _____

Nelson Tom

Nelson Tom

Date: 3-14-02

C:\DATA\DDOUA02\LT2007.REV

Denise E DiTaranto
Notary Public, Morris County, NJ
My Commission Expires January 24, 2007

Denise DiTaranto